IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant

Kain et al.

Appl. No.

10/638,173

Filed

August 6, 2003

For

ALTERNATIVE SUBSTRATES

AND FORMATS FOR BEAD-

BASED ARRAY OF ARRAYS

Examiner

B.J. Forman

Group Art Unit

1634

CERTIFICATE OF EFS WEB TRANSMISSION

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Jerry L. Heffret, Reg. No. 33,009

SUBMISSION IN CONNECTION WITH RCE

Mail Stop Amendment

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

This is a submission in connection with the Request for Continued Examination filed herewith. This submission is responsive to the Office Action issued March 15, 2007 in connection with the above referenced patent application. Applicants request that the Examiner enter the following amendments and consider the following remarks.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Summary of Interview begins on page 9 of this paper.

Remarks/Arguments begin on page 10 of this paper.